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(71) Applicant and

(72) Inventor: **LEE, Sang-Kyou** [KR/KR]; 101-205, Jamwon Hyundai Apt., 53, Jamwon-dong, Seocho-gu, 137-030 Seoul (KR).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **LEE, Seung-Kyou** [KR/KR]; 110-501, Lucky Hana Apt., Sinseong-dong, Yuseong-gu, Daejeon 305-721 (KR). **SUH, Byung-Fhy** [KR/KR]; 5-501, Samick Apt., Samseong 2-dong, Gangnam-gu, Seoul 135-092 (KR). **CHAE, Wook-Jin** [KR/KR]; C-502, Sujeong Apt., Yeouido-dong, Yeongdeungpo-gu, Seoul 150-010 (KR). **KIM, Jong-Bum**

[KR/KR]; 46-18, Malli-dong 2-ga, Jung-gu, Seoul 100-372 (KR). **LEE, Jong-Sun** [KR/KR]; 102, 188-87, Yeonhui 1-dong, Seodaemoon-gu, Seoul 120-111 (KR).

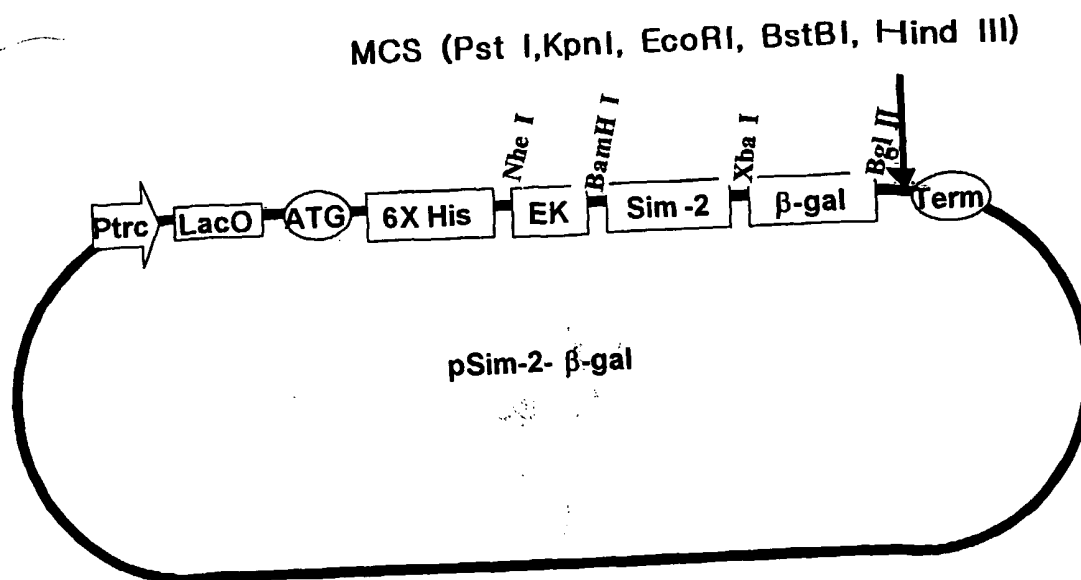
(74) Agent: **NAM, Sang-Sun**; 8th Fl., The Korea Chamber of Commerce & Industry Bldg., #45, Namdaemoonno 4-ga, Jung-gu, Seoul 100-743 (KR).

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(54) Title: **BIOMOLECULE TRANSDUCTION MOTIF SIM-2-BTM AND THE USE THEREOF**



(57) Abstract: This invention is about a novel Biomolecule Transduction Motif (BTM), Sim-2 peptide, which has a potential to transduce many biological response modifiers effectively into the cytoplasm, intracellular organelles or nucleus of prokaryotic or eukaryotic cells in vivo and in vitro, and the related technological methods using Sim-2 BTM. This Sim-2 BTM can be used for Drug Delivery System, development of new recombinant protein vaccines or DNA/RNA vaccines, gene and protein therapy, production of pharmacologically or medicinally useful proteins or pharmacomedicinal drug therapy.

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